

REMARKS

By this amendment, claims 1 and 15 have been amended, and claims 17 and 18 have been added. These amendments do not add prohibited new matter and are fully supported by the specification. Support for the interlace generation circuit in claim 1 can be found, for example, at page 34, lines 4-23, of the present specification (in the First Embodiment of the disclosed invention). Support for the first and second progressive generation circuits in claim 1 can be found, for example, at page 34, line 24, to page 35, line 9, of the present specification (in the First Embodiment of the disclosed invention). Support for the output circuit in claim 1 can be found, for example, at page 36, lines 1-9, of the present specification (in the First Embodiment of the disclosed invention). Similarly, analogous features recited in claim 15 may be found in the aforementioned sections of the present specification. Lastly, support for the comparison circuit in claim 17 can be found, for example, at page 34, lines 10-13, and page 36, lines 16-19, of the present specification (in the First Embodiment of the disclosed invention). Thus, Applicants submit that claims 1 and 15 (along with newly submitted independent claim 17) are directed to Embodiment 1, elected in the Response to the Restriction Requirement filed October 29, 2007. Reconsideration and withdrawal of the rejections set forth in the outstanding Office Action are respectfully requested in view of the foregoing amendments and the following remarks.

Interview Summary

Applicants would like to thank Examiner Tran for her courtesy in conducting a telephone interview with Applicants' representatives, Azza Jayaprakash and Steven Wegman, on February 26, 2008. During the telephone interview, Applicants' representatives discussed traversing the outstanding double patenting rejection, in view of the amendments made herein. Furthermore, Applicants' representatives discussed potential amendments that may be made, in view of the

rejection under 35 U.S.C. § 103(a), said claim revision being reflected in the present amendment. The Examiner indicated that she would reconsider the outstanding rejection, after reviewing Applicants' amendments and remarks.

Objection to the Figures

The Office Action objects to Figures 14-18 because they do not include the legend "Prior Art." Without agreeing with or acquiescing to the rejection, Applicants note that Figures 14-18 have been revised to include such a legend. Thus, Applicants respectfully request withdrawal of the objection to the drawings.

Obviousness-type Double Patenting Rejection

The Office Action rejects claims 1 and 15 are rejected on the grounds of non-statutory obviousness type double patenting over claims 1 and 19 of co-pending application No. 10/509,679 (hereinafter the '679 application).

Applicants submit that the double patenting rejection over the '679 application is premature, as neither the present application nor the '679 application has allowed claims and, thus, the scope of the claims (in one or both applications) may change during prosecution. Furthermore, in view of the concurrently filed amendments to the claims, Applicants assert that there are several distinctions between the present claims and those in the '679 application. Applicants note that, *inter alia*, the claimed interpolation circuit recited in claims 1 and 15 of the present application is not recited in the claims of the '679 application. Thus, Applicants submit that the present claims are not obvious over the claims recited in the '679 application because the claimed interpolation circuit would not have been obvious to one skilled in the art, based on the claims of the '679 application. For at least this reason, Applicants submit that the present claims

and those of the ‘679 application are patentably distinct. Accordingly, Applicants respectfully request withdrawal of the outstanding double patenting rejection.

Rejections under 35 U.S.C. § 103(a)

The Office Action rejects claims 1 and 15 under 35 U.S.C. § 103(a) as being anticipated by alleged “admitted prior art” (as described in Figures 14-18). Without agreeing with or acquiescing to the rejection, Applicants note that independent claims 1 and 15 have been amended to recite “said interpolation circuit comprising an interlace generation circuit that generates a plurality of interlaced video signals respectively corresponding to a plurality of successive fields on the basis of said inputted interlaced video signal; a first progressive generation circuit that generates a first progressive field signal on the basis of the plurality of interlaced video signals generated by said interlace generation circuit; a second progressive generation circuit that generates a second progressive field signal on the basis of the plurality of interlaced video signals generated by said interlace generation circuit; and an output circuit that outputs a progressive signal by changing for each pixel the ratio of an inter-frame interpolation signal to an intra-field interpolation signal, based on the motion amount information” (using claim 1 as a non-limiting example). Applicants submit that the aforementioned elements are not disclosed or suggested by the conventional motion adaptive progressive conversion apparatus shown in Figures 14-18. Furthermore, Applicants submit that the conventional motion adaptive progressive conversion apparatus shown in Figures 14-18 does not disclose or render obvious, *inter alia*, the comparison circuit, recited in newly added independent claim 17.

Thus, Applicants submit that the alleged “admitted prior art” does not disclose or render obvious all of the elements of the claimed invention, and respectfully request withdrawal of the

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outstanding rejections. Accordingly, the Examiner is respectfully requested to withdraw the 35 U.S.C. § 103 rejection of claims 1 and 15, and to indicate allowability of claims 1, 15, and 17.

SUMMARY AND CONCLUSION

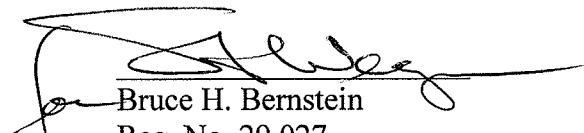
In view of the foregoing, it is submitted that the outstanding rejections should be withdrawn. Entry and consideration of the present amendment, reconsideration of the outstanding Office Action, and allowance of the present application and all of the claims therein are respectfully requested.

Any amendments to the claims which have been made in this amendment, and which have not been specifically noted to overcome a rejection based upon the prior art, should be considered to have been made for a purpose unrelated to patentability, and no estoppel should be deemed to attach thereto.

Authorization is hereby provided to charge any fee to maintain the pendency of the application, including any extension of time and/or claim fee, to Deposit Account No. 19-0089.

If the Examiner has any questions or comments regarding this response, or the present application, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,
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